



Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

Digital files available at <http://pubs.usgs.gov/pp/1807/>.

Suggested citation: Williams, L.J., and Kuniansky, E.L., 2015, Revised hydrogeologic framework of the Floridan aquifer system in Florida and in parts of Georgia, Alabama, and South Carolina: U.S. Geological Survey Professional Paper 1807, 140 p., 23 pls., <http://dx.doi.org/10.3133/pp1807>.

ISSN 2330-7102 (online)

EXPLANATION

LITHOLOGY

- Limestone
- Micritic limestone
- Calcareenite
- Clayey limestone
- Chalk
- Coquina
- Dolostone
- Dolomite limestone
- Anhydrite dolostone
- Silt-sized dolostone
- No sample

ADDITIONAL SYMBOLY

- Anhydrite
- Sand
- Phosphate
- Gypsum bearing
- Chalk or chalky
- Sandy
- Clayey
- Shells or shelly
- Calcareous
- Mudstone
- Peat

HYDROGEOLOGIC UNITS OR PROPERTIES

- Surficial aquifer system
- Other aquifers and confining units
- Aquifer
- Confining unit
- Upper confining unit of Floridan aquifer system
- Floridan aquifer system
 - Upper Floridan aquifer
 - Lower Floridan aquifer
- Permeable dolostone
- Semiconfining

CONTACT

- Hydrogeologic unit
- Time-stratigraphic unit (Miller, 1986)

APPROXIMATE BOUNDARY OF 10,000-MILLIGRAMS-PER-LITER TOTAL DISSOLVED SOLIDS CONCENTRATION

GLAUCONITE MARKER

WELL AND GEOPHYSICAL LOGS

Well identifier, location, and drilling information

S-1078
075101
Kelly bailing 14 feet
Total depth 981 feet

Log types

Gamma ray
Caliper
Resistivity

Lithology

Geophysical logs

Flow zone in well

CAL, caliper
DT, interval transit time log (sonic)
GR, gamma-ray log
ILD, induction log deep
IL3, laterolog 3
IL8, laterolog 8
LN, long-normal resistivity
SN, short-normal resistivity
SP, spontaneous potential
SPL, spinner log

Generalized Hydrogeologic Cross Section *L-L'* from Flagler County to Broward County, Florida

By
Lester J. Williams and Eve L. Kuniansky
2015